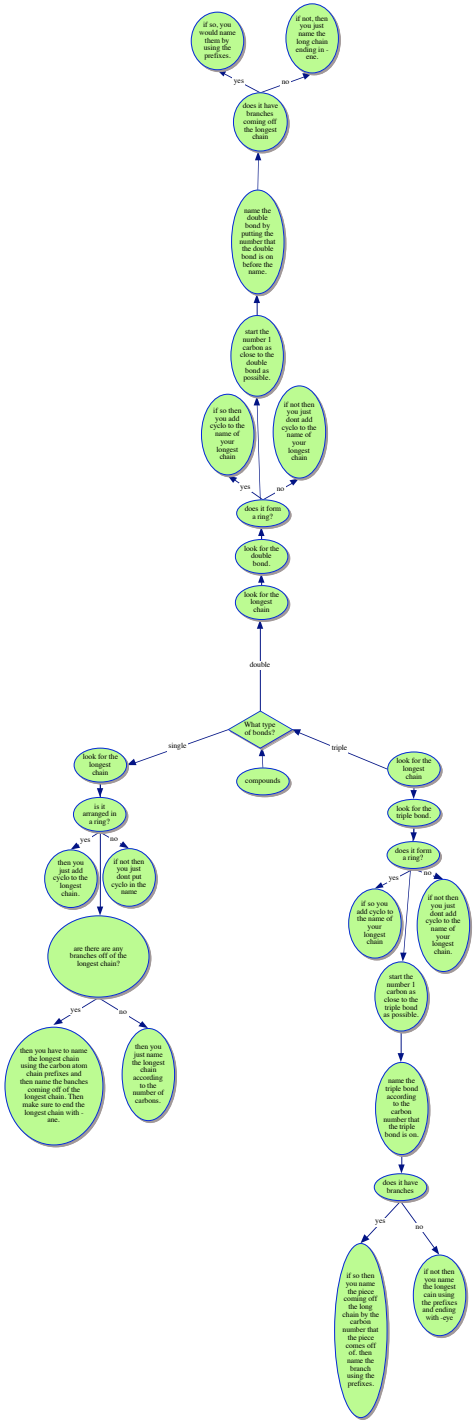
compounds
What type of bonds?
single
double
triple
look for the longest chain
is it arranged in a ring?
yes
no
then you just add cyclo to the longest chain.
if not then you just dont put cyclo in the name
are there are any branches off of the longest chain?
yes
no
then you have to name the longest chain using the carbon atom chain prefixes and thes name the banches coming off of the longest chain. Then make sure to end the longest chain with -ane.
then you just name the longest chain according to the number of carbons.
look for the double bond.
does it form a ring?
yes
no
if so then you add cyclo to the name of your longest chain
if not then you just dont add cyclo to the name of your longest chain
start the number 1 carbon as close to the double bond as possible.
name the double bond by putting the number that the double bond is on before the name.
does it have branches coming off the longest chain
yes
no
if so, you would name them by using the prefixes.
if not, then you just name the long chain ending in -ane.
look for the longest chain
look for the triple bond.
does it form a ring?
yes
no
if so you add cyclo to the name of your longest chain
if not then you just dont add cyclo to the name of your longest chain.
start the number 1 carbon as close to the triple bond as possible.
name the triple bond according to the carbon number that the triple bond is on.
does it have branches
yes
no
if so then you name the piece coming off the long chain by the carbon number that the piece comes off of. then name the branch using the prefixes.
if not then you name the longest cain using the prefixes and ending with -yne